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Patent
269/106

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WP-19612.1

INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

☒ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d) or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☒ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

☐ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.

☐ The fee due under 37 CFR § 1.17(p) is submitted herewith.

☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.

☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

STATEMENT UNDER 37 CFR § 1.97(e):

☐ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.

PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

- ☐ A check in the amount of _____ is enclosed for the above fee(s).
☐ Please charge _____ to Deposit Account No. **12-2475** for the above fee(s).

The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Lyon & Lyon's Deposit Account No. **12-2475**.

Respectfully submitted,
LYON & LYON LLP

Dated: April 2, 2002

By: Kristin H. Neuman
Kristin H. Neuman, Esq.
Reg. No. 35,530



22249

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known

Application Number	10/038,730
Filing Date	January 2, 2002
First Named Inventor	Robert M. Abrams, et al.
Group Art Unit	1632
Examiner Name	not yet known
Attorney Docket Number	269/106

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	3,701,771		Torsen et al	10-31-1972	
	2	4,364,921		Speck et al	12-21-1982	
	3	4,551,132		Pasztor et al	04-26-1988	
	4	4,739,768		Engelson et al	04-26-1988	
	5	4,795,741		Leshchiner et al	01-03-1989	
	6	4,994,069		Ritchart et al	02-19-1991	
	7	5,041,090		Shelglov et al	08-02-1991	
	8	5,122,136		Guglielmi et al	06-16-1992	
	9	5,202,352		Okada et al	04-13-1993	
	10	5,234,437		Sepetka	08-10-1993	
	11	5,250,071		Palermo	10-05-1993	
	12	5,261,916		Engelson	11-16-1993	
	13	5,304,195		Twyford et al	04-19-1994	
	14	5,310,407		Casale	05-10-1994	
	15	5,354,295		Guglielmi et al	10-11-1994	
	16	5,403,278		Ernst et al	04-04-1995	
	17	5,443,454		Tanabe et al	08-22-1995	
	18	5,536,274		Nuess	07-16-1996	
	19	5,537,338		Coelho	07-16-1996	
	20	5,580,568		Greff et al	12-03-1996	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	47	WO	96/21427			07-18-1996		
	48	WO	97/45131			10-04-1997		
	49	WO	98/16265			04-23-1998		
	50	WO	98/27962			07-02-1998		

Examiner Signature

Date Considered

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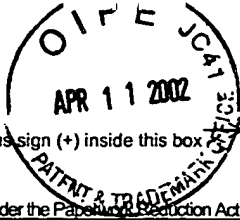
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 4

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Application Number	10/038,730
Filing Date	January 2, 2002
First Named Inventor	Robert M. Abrams, et al.
Group Art Unit	1632
Examiner Name	not yet known
Attorney Docket Number	269/106

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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
	21	5,614,204		Cochrum	03-25-1997	
	22	5,624,461		Mariant	04-29-1997	
	23	5,639,277		Mariant et al	06-17-1997	
	24	5,648,082		Sikes	07-15-1997	
	25	5,649,949		Wallace et al	07-22-1997	
	26	5,649,959		Hannam et al	07-22-1997	
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	29	5,690,666		Berenstein et al	11-25-1997	
	30	5,695,480		Evans et al	12-09-1997	
	31	5,702,361		Evans et al	12-30-1997	
	32	5,749,894		Engelson	05-12-1998	
	33	5,776,097		Massoud	07-07-1998	
	34	5,785,679		Abolfathi et al	07-28-1998	
	35	5,795,331		Cragg et al	08-18-1998	
	36	5,823,198		Jones et al	10-20-1998	
	37	5,826,587		Berenstein et al	10-27-1998	
	38	5,830,178		Jones et al	11-03-1998	
	39	5,851,508		Greff et al	12-22-1998	
	40	5,652,225		Isner	07-1997	

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Sheet 4

of

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Filing Date	January 2, 2002
First Named Inventor	Robert M. Abrams, et al
Group Art Unit	1632
Examiner Name	not yet known
Attorney Docket Number	269/106

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	51	Dondelinger et al., eds. "Interventional Radiology". Thieme Medical Publishers, Inc.: NY, 1990, pp. 295-313	
	52	Mandai et al. (October 1992). "Direct Thrombosis of aneurysms with cellulose acetate polymer. Part I: Results of thrombosis in experimental aneurysms", J. Neurosurg. 77: 497-500	
	53	Sugawara et al. (1993). "Experimental investigation concerning a new liquid embolization method: Combined administration of ethanol-estrogen and polyvinil acetate," Neurol. Med. Chir. (Tokyo) 33:71-76	
	54	Takahashi et al. "Nonsurgical treatment of AVM: Development of new liquid embolization method," in Advances in Surgery for Cerebral Stroke. Suzuki, J. ed., Tokyo, Japan: Springer-Verlag, 1988, pp. 215-224	
	55	Taki et al. (January/February 10990). "A New Liquid Material for Embolization of Arteriovenous Malformations," AJNR 11:163-168	
	56	Vinters et al. (1985). "The histotoxicity of cyanoacrylates: A selective review," Neuroradiol. 27:279-291	
	57	Shively, M. L. et al (1995) "Physico-Chemical Characterization of a Polymeric Injectable Implant Delivery System", J. Controlled Release 33:237-243	

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